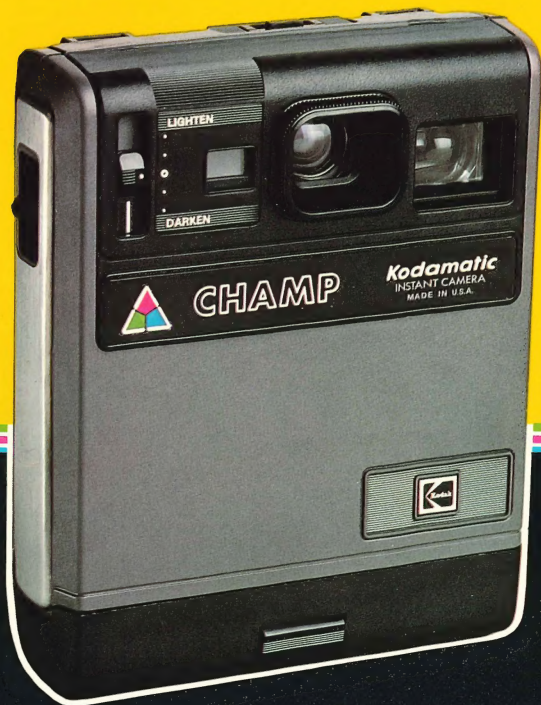
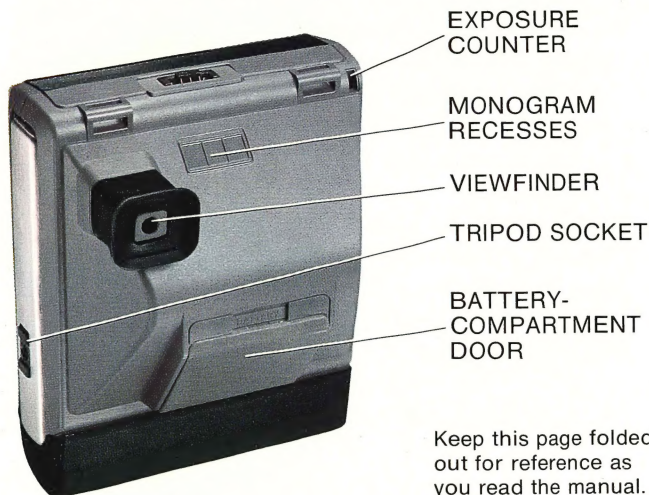
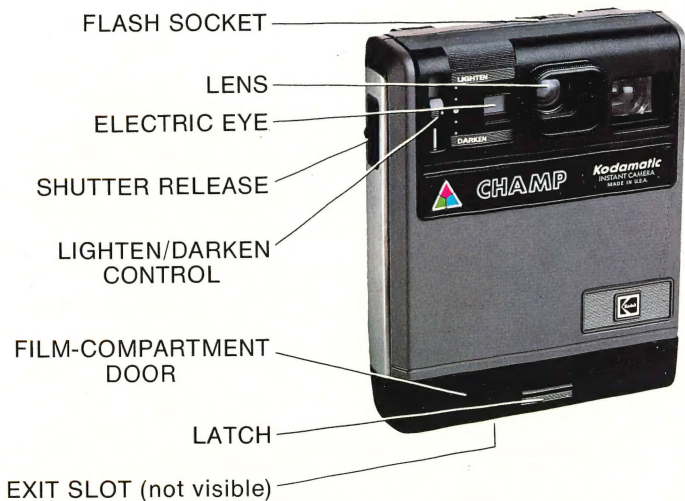




How to Use the **CHAMP**

KODAMATIC™ Instant Camera





Keep this page folded out for reference as you read the manual.

Equipment subject to minor appearance changes.

Your new camera is easy to use, and has many features which we're sure you'll enjoy. **It uses the new KODAMATIC Instant Color Film HS144-10.*** With proper care and handling, your camera can provide you with years of picture-taking pleasure.

This manual will help you to take good pictures. So before you use your camera, please read these instructions and then follow them closely.

More Information—If you need picture-taking help, write to Eastman Kodak Company, Photo Information, Department 841A, 343 State Street, Rochester, New York 14650, or contact one of the Kodak Consumer Centers or your photo dealer.

*You can use KODAK Instant Color Film PR144-10 in an emergency if you move the camera lighten/darken control to its full lighten position. However, the flash range will be reduced, and pictures taken under low light levels outdoors may be too dark. If you use an electronic flash unit with its own lighten/darken control, move the flash control to its full lighten position as well.

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Lighten/Darken Control 7	Warranty OBC

Notes: If you press the shutter release before installing the battery, inserting the battery will make the camera motor run for about 3 seconds.

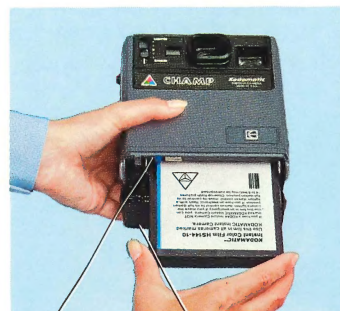
Replace the battery when the motor takes 5 seconds or longer to eject a print, or runs erratically in ejecting a print.

If you store your camera for an extended period, it's a good idea to remove the battery.


LOADING THE CAMERA

Use KODAMATIC Instant Color Film HS144-10.

Holding the film pack by the edges only, remove the protective wrapping by grasping the flap and pulling it in the direction of the arrows. Don't squeeze the pack, since this could allow light to fog the pictures.



LOADING LINE
FILM-COMPARTMENT DOOR

Open the **FILM-COMPARTMENT DOOR** by pressing the **LATCH** and lowering the door. Insert the film pack into the compartment by lining up the blue stripe on the film pack with the blue **LOADING LINE** on the camera. Close the film-compartment door so that it latches securely on both sides of the camera. The **EXPOSURE COUNTER** will show the symbol .

Press the **SHUTTER RELEASE** and allow it to return. The black film cover will be ejected through the **EXIT**

Neck Strap—Insert the ends of the strap through the slots on the top of the camera. Then thread the ends back through the buckles, and pull the strap tight.

Tripod Socket—For extra camera steadiness, you can mount your camera on a tripod by screwing the tripod connection into the TRIPOD SOCKET on the side of the camera.

Monogram—Peel off the desired initials from the sheet provided, and place them in the MONOGRAM RECESSES on the back of the camera.

BATTERY

Your camera uses one size J 6-volt battery to power the camera motor and the automatic exposure control.

Pull out on the top of the BATTERY-COMPARTMENT DOOR to open the battery compartment. Insert the battery as shown by the diagram molded inside the compartment.

Close the battery-compartment door by pressing it against the camera body until it snaps securely into place.



BATTERY-COMPARTMENT DOOR

Notes: If you press the shutter release before installing the battery, inserting the battery will make the camera motor run for about 3 seconds.

Replace the battery when the motor takes 5 seconds or longer to eject a print, or runs erratically in ejecting a print.


If you store your camera for an extended period, it's a good idea to remove the battery.

LOADING THE CAMERA

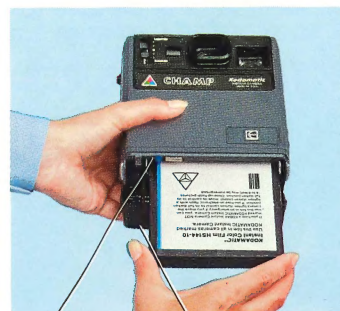
Use KODAMATIC Instant Color Film HS144-10.

Holding the film pack by the edges only, remove the protective wrapping by grasping the flap and pulling it in the direction of the arrows. Don't squeeze the pack, since this could allow light to fog the pictures.

Open the FILM-COMPARTMENT DOOR by pressing the LATCH and lowering the door.

Insert the film pack into the compartment by lining up the blue stripe on the film pack with the blue LOADING LINE on the camera. Close the film-compartment door so that it latches securely on both sides of the camera. The EXPOSURE COUNTER will show the symbol .


Press the SHUTTER RELEASE and allow it to return. The black film cover will be ejected through the EXIT



LOADING LINE FILM-COMPARTMENT DOOR

SLOT. Grasp the cover and remove it. The exposure counter will move to 10.

Notes: The exposure counter will count down from 10 through 0 as you take pictures, showing how many pictures you have left.

We don't recommend removing and reinserting a partially used film pack (or a full pack after the black film cover has been ejected), because at least one of your pictures will be spoiled. Also, when you reinsert the pack, the exposure counter will reset to , and the flash will not be able to fire for the next picture.

TAKING PICTURES



For horizontal pictures.



For vertical pictures.

1. Be sure your subject is at least 4 feet from the camera.
2. Check to see that the **LIGHTEN/DARKEN CONTROL** is in the center position. This setting should be the

correct one for most of your pictures.

3. Hold the camera up to your eye so that you can see all 4 corners of the **VIEWFINDER**. The area that you see in the viewfinder will be included in your picture.
4. Hold the camera steady; gently press the shutter release partway down. If the red caution light doesn't appear in the viewfinder, press the shutter release all the way down and allow it to return. The print will be ejected through the exit slot. Grasp the print by its lower border and remove it before you take another picture.

It's important to handle the prints carefully during the first 10 minutes after exposure. Don't cut, bend, or fold them. See the handling instructions on the film carton and on page 11.

CAUTION: Picture units in the film pack contain a caustic fluid. Upon ejection from the camera, the fluid in the picture unit begins to neutralize, and in approximately 10 minutes any chance of harm is minimal. Should any fluid escape from the picture unit, avoid contact with eyes, mouth, and skin. Also avoid fluid contact with fabrics, carpeting, and furniture to prevent stain.

In case of contact with eyes, immediately flush with plenty of water and get medical attention. In case of any other contact, wash thoroughly at once.

The empty film pack has sharp internal edges. Discard out of the reach of children.

Notes: Be sure not to depress the shutter release again while the camera motor is running, since this may spoil your picture.

The print will not begin to develop until you allow the shutter release to return and the print is ejected from the camera.

Flash

If the red caution light appears in the viewfinder as you depress the shutter release part-way, use flash to take pictures of subjects within the proper flash range.

Flipflash

1. Firmly insert a flipflash into the FLASH SOCKET on the top of the camera, with the bulbs facing forward and with one or more fresh bulbs in the top half of the flash array—the half farther from the camera.
2. *Check to see that your subject is 4 to 11 feet from the camera.* If you are farther than 11 feet from your subject, it will appear too dark in your picture; closer than 4 feet, your subject will be too light and unsharp.
3. Frame your subject in the viewfinder. Hold the camera steady and press the shutter release




smoothly to take the picture. The color in the dot on the back of the flipflash will disappear as the corresponding bulb flashes.

You can remove and reinstall a flipflash at any time. When you replace a partially used flipflash, make sure that the top half (farther from the camera) contains one or more unused bulbs.

After you have used the bulbs in the top half of the flipflash, remove it from the socket by “rocking” it to one side. Turn the flash over to position fresh bulbs at the top.

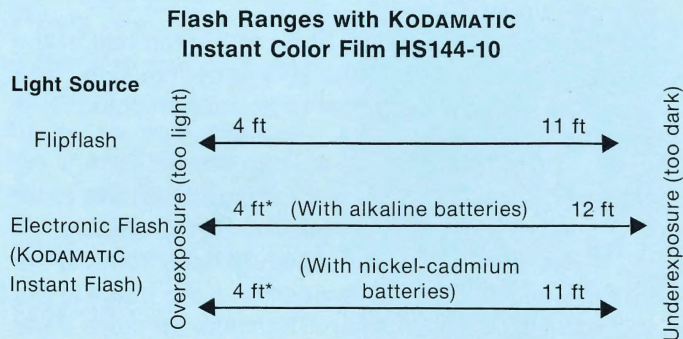
Notes: The caution light will not appear in the viewfinder when a flipflash is installed on the camera.

If at any time a bulb should fail to flash, remove the flipflash and turn it over to position fresh bulbs at the top, or install a new flipflash. Then take a picture. If the bulb flashes, the camera is operating properly; see the bulb flashes, the camera is operating properly; see the *flash* manufacturer’s warranty. If the bulb still fails to flash, the camera may require service; see the warranty in this manual. If a bulb fails to flash, any remaining good bulbs in the same half of the flipflash won’t flash.

To prevent wasting a flash, no bulb will flash if you press the shutter release when the exposure counter is in the  position or the 0 position (all 10 pictures in a film pack have been exposed).

Occasionally people’s eyes appear red in flash pictures. The red is produced by reflections from the retina of the eye, and is most common when (1) your subject is young, has a light complexion, or has blue eyes, and (2) the surroundings are dimly lighted. You

can minimize these reflections by (1) turning on additional room lights; (2) having your subject look directly at one of the room lights, causing the pupils to contract; or (3) using a KODAK Flipflash Extender, available from photo dealers.



*Your pictures may not be too light when taken at distances closer than 4 feet, but they will be out of focus (blurred).

Electronic Flash

You can use an electronic flash unit with your camera, such as the KODAMATIC Instant Flash, which provides a flash range of 4 to 12 feet with fresh alkaline batteries or 4 to 11 feet with freshly charged nickel-cadmium batteries.

See the flash-unit manual for instructions on using electronic flash with your camera.

Note: Before purchasing or using any electronic flash unit with your camera, check to be sure that the unit provides sufficient light output, that it is designed to operate properly with your camera, and that it will not cause physical damage to the camera. If you get unsatisfactory picture results with an electronic flash unit, try a flipflash. If you get good results with the flipflash, the electronic flash is probably defective or not suitable for your camera.

Lighten/Darken Control

After you take a picture, if you want a lighter or darker picture of the same subject in the same location without changing the lighting or your position, adjust the lighten/darken control before taking another picture. For a lighter picture, move the control toward **LIGHTEN**; for a darker picture, move the control toward **DARKEN**.

You can use the lighten/darken control to adjust the lightness or darkness for pictures taken with daylight or flipflash illumination.

Notes: The lighten/darken control does *not* automatically return to the center position after you take a picture.

If you photograph a very light subject in very dark surroundings, you may want to move the control toward DARKEN before you take the picture. For a very dark subject in light surroundings move the control toward LIGHTEN.

UNLOADING THE CAMERA

After you have taken and ejected the tenth picture in a film pack, the exposure counter will show 0. Open the film-compartment door, and pull the **FILM-PACK EXTRACTOR** for easy removal of the empty pack.



FILM-PACK EXTRACTOR

CARE OF YOUR CAMERA

When necessary, clean the viewfinder lenses and the picture-taking lens by blowing away any dust or dirt. Then breathe on the lenses to form a mist, and gently wipe the mist away with a soft, clean, lintless cloth (or use a drop of KODAK Lens Cleaner, or equivalent, and then wipe with a clean, soft cloth). Don't use solvents or solutions not designed for camera lenses, and never use chemically treated tissues intended for eyeglasses.

Store your camera away from heat and direct sunlight—never in the glove compartment, on the rear-window shelf, or in any other hot spot in a car—since this may cause permanent damage to the film or the camera.

Cleaning the Rollers

Occasional fluid leakage from the picture units may cause small deposits on the camera rollers, which can produce small spots on your pictures. If this happens, clean the rollers as follows:

1. Open the film-compartment door. The **ROLLERS** are contained in the door.
2. Use a cotton swab or a small piece of soft, lintless cloth moistened with clean water. Don't use solvents or detergents.
3. Wipe the dirty areas of the rollers with the swab or cloth (never with your fingers). Turn the **GEAR** to reposition the rollers so that you'll be able to clean the entire surfaces. Then dispose of the swab in a waste container.

CAUTION: The residue cleaned from the rollers may be caustic. Observe the precautions on page 3.



GEAR

ROLLERS

CARE AND STORAGE OF FILM AND PRINTS

Leaving your film and camera in a hot place such as a sunny window or a closed car on a warm day may produce poor picture quality. If you accidentally leave the film and camera in a hot place, allow them to cool to normal temperature before taking any pictures. If there is a film pack inside the camera, wait approximately one hour after the surface of the camera is cool to allow adequate cooling of the film.

Also allow your film and camera to return to normal temperature if they have been left in a cold place such as a car trunk during the winter.

The recommended temperature range during development of prints is 60 to 100°F (16 to 38°C). At temperatures below 60°F (16°C), place prints in a warm place—an inside coat pocket, for example—as soon as they are ejected from the camera, and leave them there during development. Otherwise, prints may appear too light. Be sure not to bend or fold the prints.

It's a good idea at the upper end of the temperature range—approaching 100°F (38°C)—to set the lighten/darken control toward **LIGHTEN** to keep prints from becoming too dark.

Don't leave prints in direct sunlight or on a hot surface during development. Prints will probably be too dark when developed at temperatures above 100°F (38°C).

Store your developed prints in a cool, dry place.

The picture area may be safely cut out of the picture unit provided sufficient time (10 minutes) is allowed for the caustic fluid in the picture area to neutralize. If the

picture unit is opened, the picture and the waste should be handled with care to avoid possible stains on fabric, furniture, or carpeting.

SERVICE FOR YOUR CAMERA

If you have questions about your camera or KODAMATIC Instant Color Film, or have difficulty using your camera, carefully reread the section of this manual that pertains to the questions you have. **ESPECIALLY** be sure to consult the "Troubleshooting Guide" that begins on page 13. *Since many cameras which are returned for repair do not need service, please carefully review this information.*

If you believe your camera does need service—

Take your camera and several sample prints to your photo dealer.

OR

Take your camera and several prints to a Kodak Consumer Center if one is located near you. The addresses are listed on page 19.

OR

Send a letter describing the problem to Eastman Kodak Company, Department 841A, 343 State Street, Rochester, New York 14650. Please enclose sample prints with your letter to aid us in helping you, and be sure to specify the model of your camera as well as the type of flash you used (if any).

If your camera requires repair, you may send it through your photo dealer or directly to one of our Service Centers, listed on page 21.

Packing Instructions

1. Include a note with your camera giving all details: date and place of purchase and a description of the problem, as well as several sample prints. If possible, include a telephone number where you can be reached between 8:00 a.m. and 5:00 p.m.
2. Use a sturdy carton that is large enough for you to surround the camera completely with packaging material, such as crumpled newspaper.
3. Securely fasten the carton with tape. Clearly write the address of the Service Center and your name and address on the top and bottom of the carton.
4. Mail the carton to Kodak. Remember to insure the equipment to replacement value.

Troubleshooting Guide

What Happened	Probable Cause	Correction
Pictures fuzzy, hazy, or misty.	<ol style="list-style-type: none"> a. Camera movement. b. Subject movement. c. Subject too close to camera. d. Dirty camera lens. e. Flare from very bright light shining directly into lens. 	<ol style="list-style-type: none"> a. Hold camera steady; press shutter release smoothly. b. Subject should be stationary, moving slowly in sunlight, or moving toward or away from you (not at right angle to camera). c. Subject must be at least 4 feet from camera. d. Clean lens (page 8). e. Don't point camera directly at sun or other extremely bright light.
Daylight pictures too dark.	<ol style="list-style-type: none"> a. Not enough light in scene for picture without flash. b. Lighten/darken control not in proper position. 	<ol style="list-style-type: none"> a. Take flash picture within correct flash range. b. Adjust control (page 7).

What Happened	Probable Cause	Correction
Daylight pictures too dark (cont).	c. Temperature too high during development. d. Print placed on hot surface or in direct sunlight during development. e. KODAK Instant Color Film PR144-10 used.	c. See temperature recommendations on page 10. d. Never leave print on hot surface or in direct sunlight during development. e. Use KODAMATIC Instant Color Film HS144-10.
Daylight pictures too light.	a. Lighten/darken control not in proper position. b. Electric eye obstructed during picture-taking.	a. Adjust control (page 7). b. Keep fingers and objects away from electric eye.
Flash pictures too dark.	a. Subject too far from flash. b. Lighten/darken control not in proper position (with flip-flash).	a. Subject must be no farther than maximum flash distance (page 6). b. Adjust control (page 7).
	c. Electronic flash not designed for camera. d. KODAK Instant Color Film PR144-10 used.	c. See page 7. d. Use KODAMATIC Instant Color Film HS144-10.
Flash pictures too light.	a. Subject too close to flash (with flipflash). b. Lighten/darken control not in proper position (with flipflash).	a. Subject must be no closer than 4 feet. b. Adjust control (page 7).
Picture area black.	a. Hand or object completely covering lens when picture was taken. b. Flash didn't go off.	a. Keep hands and objects away from lens. b. See page 17.
Repeating pattern of spots about 1½ inches apart on consecutive prints.	Specks of dirt on rollers.	Clean rollers (page 9).

What Happened	Probable Cause	Correction
Subject not framed properly or partly cut off.	Improper use of viewfinder.	View subject as described on page 3.
Small dark (shadowy) spots which appear in same location on consecutive prints.	Dust on mirrors inside camera.	With camera unloaded, use rubber syringe to blow dust from inside camera.
Pictures too light and off-color.	Temperature below 60°F (16°C) during development.	Put print in warm place—an inside pocket, for example—as soon as it is ejected from camera, and leave it there during development.
Fogged pictures.	a. Improper handling of film pack during unwrapping or loading.	a. Hold film pack by edges only. Don't press on film cover.
	b. Film pack removed and reinserted after film cover was ejected.	b. Avoid removing and reinserting pack. If you must remove pack, do it in subdued light. Top picture will be fogged.

Flipflash didn't go off.	c. Film-compartment door opened in bright light after film cover was ejected.	c. If you must open film-compartment door, do it in subdued light to avoid fogging prints remaining in film pack.
	a. Flipflash not turned over after bulbs in top half are used. b. Flipflash not firmly inserted in flash socket.	a. Turn flipflash over to position fresh bulbs at top. b. Insert flipflash correctly.
Camera motor doesn't run or runs very slowly in ejecting print or film cover.	Camera battery dead or extremely weak.	Replace battery.
Motor stops when print (or film cover) is partially ejected.	Camera battery dead or extremely weak.	Pull partially ejected print from exit slot. Replace battery.

What Happened	Probable Cause	Correction
Motor runs but print isn't ejected.	Camera attempting to eject two prints at same time.	Open film-compartment door in subdued light. Remove film pack and pull top print from pack. Reinsert pack. Top picture remaining in pack will be spoiled.
Fern-like formation in picture area.	Print bent or flexed during development.	Never bend, flex, or fold prints during development. Handle them by borders only.

Kodak Consumer Centers

Kodak Consumer Centers offer photographic information on Kodak equipment and film. Also, the centers can perform minor adjustments on Kodak amateur equipment. The centers will advise you on the nature of serious problems and the cost of repairs which may be necessary. Addresses and telephone numbers may change. For up-to-date information, consult the Yellow Pages of your telephone directory under "Photographic Equipment and Supplies."

ALABAMA

720 S. 37th Street
Birmingham 35222
(205) 322-2401

CALIFORNIA

1017 N. Las Palmas Avenue
Los Angeles 90038
(213) 465-7151

925 Page Mill Road
Palo Alto 94304
(San Francisco area)
(415) 493-7200

3250 Van Ness Avenue
San Francisco 94109
(415) 928-1300

9100 Alcosta Boulevard
San Ramon 94583
(San Francisco area)
(415) 828-7000

12100 Rivera Road
Whittier 90606
(Los Angeles area)
(213) 685-5610

COLORADO

One Inverness Drive East
Englewood 80112
(Denver area)
(303) 779-6606

FLORIDA

1001 Ponce de
Leon Boulevard
Coral Gables 33134
(Miami area)
(305) 445-0511

2715 Atlantic Boulevard
Jacksonville 32207
(904) 399-4430

GEORGIA

5315 Peachtree Industrial
Boulevard
Chamblee 30341
(Atlanta area)
(404) 455-0123

HAWAII

1065 Kapiolani Boulevard
Honolulu 96814
(808) 531-6565

1122 Mapunapuna Street
Honolulu 96819
(808) 833-1661

ILLINOIS

1901 West 22nd Street
Oak Brook 60521
(Chicago area)
(312) 654-5542

INDIANA

4760 Kingsway Drive
Indianapolis 46205
(317) 251-3159

KANSAS

7301 Frontage Road,
Interstate 35
Shawnee Mission 66204
(Kansas City area)
(913) 831-4020

LOUISIANA

Pontchartrain Bldg.
Suite 100
3939 N. Causeway Blvd.
Metairie 70002
(New Orleans area)
(504) 837-3566

MARYLAND

7115 Ambassador Road
Baltimore 21207
(301) 265-5400

MASSACHUSETTS

480 Cochituate Road
Framingham 01701
(Boston area)
(617) 875-0979

MICHIGAN

21600 Greenfield Road
Oak Park 48237
(Detroit area)
(313) 967-1600

MINNESOTA

2412 Nicollet Avenue
Minneapolis 55404
(612) 870-3456

MISSOURI

1853 Craig Road
St. Louis 63141
(314) 434-4330

NEBRASKA

7262 Mercy Road
Omaha 68124
(402) 393-4000

NEW JERSEY

P.O. Box 1334, Route 130
Dayton 08810
(212) 879-1500 and
(201) 329-6600

16-31 Route 208
Fair Lawn 07410
(201) 797-0600

NEW YORK

1133 Avenue of the Americas
New York City 10036
(212) 930-7565
800 Lee Road
Rochester 14650
(716) 722-0670

Photo Information Dept.
Rochester 14650
(716) 724-4512

NORTH CAROLINA

77 Executive Center
Bldg. 5311, Suite 80
Charlotte 28210
(704) 525-5090

OHIO

14 Knollcrest Drive
Cincinnati 45237
(513) 948-5728
4545 West 160th Street
Cleveland 44135
(216) 267-0300

OKLAHOMA

3015 United Founders
Boulevard
Oklahoma City 73112
(405) 848-7803

OREGON

5410 S.W. Macadam Avenue
Portland 97201
(503) 222-3831

PENNSYLVANIA

425 Maryland Drive
Ft. Washington 19034
(Philadelphia area)
(215) 242-3200

2857 Banksville Road
Pittsburgh 15216
(412) 563-6733

TENNESSEE

2225 Union Avenue
Memphis 38104
(901) 278-5900

TEXAS

2800 Forest Lane
Dallas 75234
(214) 241-1611

610 Gray
Houston 77002
(713) 820-7700

5815 Callaghan Road
Suite 112
San Antonio 78228
(512) 684-5934

UTAH

University Club Building
Suite 100
136 East South Temple Street
Salt Lake City 84111
(801) 363-5713

VIRGINIA

1555 Wilson Blvd.
Arlington 22209
(Washington, D.C. area)
(703) 527-2000

WASHINGTON

9675 Sunset Highway
Mercer Island 98040
(Seattle area)
(206) 232-7770

SERVICE CENTERS

If your Kodak camera should require service, complete facilities are provided at the following Kodak Equipment Service Centers. For fastest service, send your camera to the Service Center nearest you.

9100 Alcosta Blvd., San Ramon, California 94583

12100 Rivera Road, Whittier, California 90606

5315 Peachtree Industrial Blvd.,

Chamblee, Georgia 30341

1122 Mapunapuna Street, Honolulu, Hawaii 96819

1901 West 22nd Street, Oak Brook, Illinois 60521

Route 130, P.O. Box 1334, Dayton, New Jersey 08810

800 Lee Road, Rochester, New York 14650

2800 Forest Lane, Dallas, Texas 75234

FULL THREE-YEAR WARRANTY

This Kodak instant camera is warranted by Kodak to function properly for three years from the date of purchase. Kodak makes no other express warranty for this camera. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Carefully read and follow the instructions in the manual to get good results and prevent damage to your camera.

If this Kodak camera does not function properly within three years after purchase, Kodak will repair it without charge. If Kodak is unable to repair it, the option of replacement or refund of the purchase price will be available. These remedies are not available if the camera is damaged by misuse or other circumstances beyond Kodak's control, or if the improper functioning of the camera is caused by failure to follow the care and operating instructions in the manual.

Repair, and the option of replacement or refund in the event that Kodak is unable to repair the camera, are Kodak's only obligations. Kodak will not be responsible for any consequential or incidental damages resulting from the sale or use of this camera, even if loss or damage is caused by the negligence or other fault of Kodak. (Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.)

For assistance in using this camera, contact a dealer in Kodak products or one of the Kodak Consumer Centers located in the United States. For service on this camera, return the camera through a dealer in Kodak products or a Kodak Consumer Center, or directly to one of the Kodak Equipment Service Centers listed on page 21. Enclosing a note with the camera giving details of the problem and date of purchase will help Kodak return the camera promptly.

**Consumer/Professional
& Finishing Markets**



Rochester, New York 14650

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10-81-DXX

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